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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Glenn P. Rickards  
DOWREY RICKARDS PLLC  
Suite 106  
19119 Northcreek Parkway  
Bothell, WA 98011

EXAMINER

FOX, CHARLES A

ART UNIT

PAPER NUMBER

3652

DATE MAILED: 08/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/621,922

Applicant(s)

COBLENTZ, W. SAM

Examiner

Charles A. Fox

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 20031023.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

***Claim Objections***

Claim 12 is objected to because of the following informalities: in line 1 the word "restraint" is spelled incorrectly. Appropriate correction is required.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3, 5-7 and 9-12 are rejected under 35 U.S.C. 102(b) as being anticipated by Alfonte.

Regarding claims 1 and 5 Alfonte US 2,388,458 discloses a load push mechanism for a lift truck comprising:

a lift truck;

at least two forks (18) for lifting;

a lift mechanism mounted on said truck;

a push mechanism (21) raisable and lowerable via a lift mechanism (23);

a push plate (20) for engaging cargo carried by the lift truck blades;

the push plate being movable from a retracted position to an extended position;

the push plate having sufficient clearance over a standard pallet during movement of the push plate such that cargo carried on said pallet may be removed from the pallet by extension of the plate.

Regarding claims 2 and 6 Alfonte also discloses that the distance from the bottom of the push plate and the top of the pallet is sufficiently small to allow the push plate to engage cargo resting on the pallet.

Regarding claims 3 and 7 Alfonte further discloses that the distance between the lower edge of the push plate and the top edge of the forks (18) such that the device can change between a first configuration where the plate and the forks are close together or further apart and that there is sufficient clearance in at least one configuration to allow the plate to extend over the top of a pallet held by said forks.

Regarding claims 9 and 10 Alfonte further discloses frames (19) which act as pallet stops to secure a pallet to the forks, wherein at least one frame is located on each fork at a position forward of the push plate when said plate is retracted.

Regarding claims 11 and 12 Alfonte also discloses that frames (19) are raisable and lowerable via said forks and are small enough to fit in the grooves of a conventional pallet.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 4 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alfonte as applied to claims 3 and 7 above, and further in view of Hosotani et al . Alfonte teaches the limitations of claims 3 and 7 as above he does not teach the lower

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portion of the plate as being movable relative the rest of the plate. Hosotani et al. US 5,009,562 teaches a push plate for a forklift, said plate having a gate (32), wherein said gate can pass over a pallet when in a raised position. It would have been obvious to one of ordinary skill in the art, at the time of invention to provide the device taught by Alfonte with a lower gate as taught by Hosotani et al. in order to allow the device to compensate for variations in the height of pallets it may have to handle.

Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Alfonte as applied to claim 5 above, and further in view of Thomas. Alfonte teaches the limitations of claim 5 as above he does not teach a pallet restraint that is mounted beside the forks. Thomas US 2,639,051 teaches a pallet gripper (83) that mounts between the forks of a forklift, with an actuator (103) for causing said grippers to grasp a pallet. It would have been obvious to one of ordinary skill in the art, at the time of invention to provide the device taught by Alfonte with a gripper as taught by Thomas in order to grip a pallet that may have a solid top, thereby allowing the device to work with a wider range of pallets.

Claim 14 is rejected under 35 U.S.C. 103(a) as being unpatentable over Alfonte as applied to claim 5 above, and further in view of Olsen. Alfonte teaches the limitations of claim 5 as above he does not teach a side shift for the forks. Olsen US 4,861,223 teaches a forklift with a push plate (54) further comprising a side shift device for moving a pair of forks sideways relative to a lift mechanism. It would have been obvious to one of ordinary skill in the art, at the time of invention to provide the device taught by Alfonte with the side shift device taught by Olsen in order to allow the device to align with a off

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centered pallet without having to move the entire forklift, thereby saving time in the pickup of pallets that may not be lined up with the center line of the fork truck.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles A. Fox whose telephone number is 571-272-6923. The examiner can normally be reached between 7:00-4:00 Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eileen D. Lillis can be reached at 571-272-6928. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CAF  
CAF  
8-15-05

  
JAMES W. KEENAN  
PRIMARY EXAMINER